

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method for providing a radio with prerecorded messages for programmed playback comprising the steps of:

programming a storage and playback circuitry with a prerecorded message and message particulars, said circuitry comprising a ~~micro-controller~~ microcontroller and an audio integrated circuit;

connecting said storage and playback circuitry between a demodulator and an audio amplifier of a radio to automatically initiate periodic replacement of received radio signals with the prerecorded message; and

inputting a signal from the demodulator to the audio integrated circuit.

Claim 2 (currently amended) : The method of claim 1, including the steps of connecting an RDS separator to the radio such that signals from an IF amplifier within the radio and said demodulator are input to said RDS separator, and

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connecting said RDS separator to said ~~micro-controller~~
microcontroller.

Claim 3 (currently amended): An apparatus adapted to be
connected to a radio comprising:

a storage and playback circuit connected between a
demodulator and an audio amplifier of said radio; and

a timer to automatically initiate periodic playback of at
least one prerecorded message by said storage playback
circuit.

Claim 4 (currently amended) : The apparatus of claim 3,
wherein said storage and playback circuit comprises a ~~micro~~
~~controller~~microcontroller.

Claim 5 (original): The apparatus of claim 4, wherein
said storage and playback circuit includes an audio
integrated circuit.

Claim 6 (currently amended): The apparatus of claim 5,
wherein said radio includes an RDS separator connected to said
~~micro-controller~~microcontroller, said ~~micro-controller~~

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microcontroller being connected to said audio integrated circuit.

Claim 7 (original): The apparatus of claim 6, wherein said RDS separator receive a signal from an IF amplifier and from said demodulator, and said audio integrated circuit receives a signal from said demodulator.

Claim 8 (previously presented): The method of claim 1, which further comprises the steps of:

detecting an RDS commercial in a received radio broadcast; and

replacing the broadcast RDS commercial with at least one of the prerecorded messages from said storage and playback circuitry.

Claim 9 (previously presented): The method of claim 1, which further comprises interleaving at least one of the prerecorded messages into the signal from the demodulator of a received radio broadcast.

Claim 10 (previously presented): The method of claim 9, wherein the at least one of the prerecorded messages plays

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with the received broadcast.

Claim 11 (previously presented): The method of claim 9, wherein the at least one of the prerecorded messages plays instead of the received broadcast.

Claim 12 (previously presented) : The apparatus of claim 3, wherein said periodic playback by said storage and playback circuit interrupts and replaces a portion of a received radio broadcast with said at least one prerecorded message.

Claim 13 (currently amended): The apparatus of claim 3, wherein said timer comprises a ~~micro-controller~~ microcontroller running a host program to automatically detect broadcasting of a regular commercial message and to periodically initiate ~~playback over~~ substitution of the regular commercial message by said storage and playback circuit of said at least one prerecorded message.

Claim 14 (previously presented): A method for providing a radio with at least one prerecorded message for automatic programmed playback comprising the steps of:

receiving a radio broadcast and playing at least a portion of the received radio broadcast;

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determining whether an RDS signal is associated with the
radio broadcast;

upon determining that an RDS signal is present and
detecting a regular programmed commercial in the received
radio broadcast, automatically playing the at least one
prerecorded message instead; and

otherwise periodically playing the at least one
prerecorded message instead of the portion of the received
radio broadcast.